

IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventors: Donato ETTORE, Maurizio GRAZIANO, Bruno MELIS, Andrea FINOTELLO,  
Alessandro OSSOLI and Alfredo RUSCITTO  
Patent App. PCT/EP02/12815  
Filed on: 15 November 2002  
For: Memory based device and method for channel estimation in a digital communication receiver

Hon. Commissioner of Patents  
Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY

*Telecom Italia S.p.A.* and *STMicroelectronics S.r.l.* hereby appoint Herbert Dubno, Reg. 19,752; Jonathan Myers, Reg. 26,963; Andrew Wilford, Reg. 26,597 and each of them individually to prosecute the matter identified in the caption and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all correspondence to:

**The Firm of Karl F. Ross, P.C.**  
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The undersigned CERTIFIES:

The above-identified application was assigned jointly to Telecom Italia S.p.A. and STMicroelectronics S.r.l. in an Assignment filed herewith and of which a copy is attached hereto;

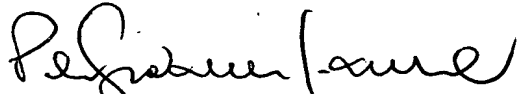
That Telecom Italia S.p.A. and STMicroelectronics S.r.l. are jointly the assignees of the entire right, title, and interest in the above-identified application;

That the undersigned has reviewed all the documents in the chain of title of above-identified application and, to the best of the undersigned's knowledge and belief, title is in Telecom Italia S.p.A. and STMicroelectronics S.r.l.;


That the undersigned is empowered to act on behalf of and is authorized to execute this Power of Attorney on behalf of Telecom Italia S.p.A. and STMicroelectronics S.r.l.; and

That the undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the above-identified application or any patent issued thereon.

Date: July 4, 2005

  
TELECOM ITALIA S.p.A.  
By: Pier Giovanni Giannesi  
Position Held: Proxy Holder

Date: July 4, 2005

  
STMicroelectronics S.r.l.  
By: Paolo Picco  
Position Held: IP&L Manager Europe